

Title (en)

KETO ACID SALTS AND AMINE DERIVATIVES, AND THEIR USE FOR PREPARING MEDICINES

Title (de)

SALZE DER KETOSÄUREN UND AMINE SOWIE IHRE VERWENDUNG ZUR HERSTELLUNG VON MEDIKAMENTEN

Title (fr)

SELS DE CETOACIDES ET DE DERIVES AMINES, ET LEUR UTILISATION POUR LA PREPARATION DE MEDICAMENTS

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Application

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Abstract (en)

[origin: US6429229B1] The invention concerns the use of compounds of general formula (I): (X)_{n1}Y,(Z)_{n2} wherein n1 and n2 represent 0 or 1; X represents a natural amino acid, in particular an amino acid selected among ornithine, arginine, lysine, histidine or glutamine; Y represents a keto acid of formula (II): R-CO-COOH wherein R represents -CH₃, -CH₂-CH₃, -CH(CH₃)₂, -CH(CH₃)-CH₂-CH₃, -CH₂-CH(CH₃)₂, -CH₂)₂-COOH, -CH₂)₃-COOH; Z represents: a natural amino acid selected in particular among ornithine, arginine, lysine, histidine or glutamine; or a polyamine selected in particular among cadaverine, putrescine, spermidine, spermine or agmatine. Said compounds are useful for preparing a medicine for treating human or animal pathologies wherein are involved silent neurons, such as pathologies of the digestive tract, the bladder and the biliary ducts.

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